CENTRAL FILES NUMBER 47-1-13

B-137

Date		File
Subject Product 25 Inventory of Specials	ial	Those Eligible To Read The Attached
By J. H. Lum To Lt. Col. W. P. Leber	- Arth	Copy # 3A E. P. Wigne:
Before reading this document, sign and	date below:	Date
Name Date	Mame	Date
		63

This document has been approved for release to the public by:

Jan R Hay un 41195
Technical Information Officer Date

ChemRisk Document No. 1416



This document consists of pages and p figures. No. 3 of 11 copies, Series A

PRODUCT 25

Commission

DATE HUU 44 1911 For the Atomic Energy

CLASSIFICATION CANCELLED

for the Chief, Declassification Branch

Mistorical Summary As of December 51, 1946

Of the 4545.91 grams on hand as of December 31, 1946. ildi.ld grams were checked by chemical and isotopic analyses. The 4.44 grams expended in research represents experimental losses previously reported in our monthly reports. The undetermined losses are made up almost entirely (2.53 out of 2.54 grama) of the loss shown by the analysis on the material being wed in the criticality experiments. It is believed however that the value obtained is only accurate to within + .20% or approximately + 10 grams.

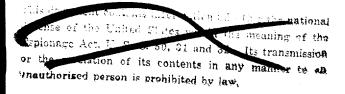
Summary of Receipts of Engished Materials Now on Mand

Enrichment	Date Received	SM	Amount on Hand	Use
75	12-7-45	250	.99 g	Photoneutron studies
79	10+6 -44	14	. 09 g	Vsed in connection with orystal spectrometer measure- ments
82.9	S-28-46	97	3.88 g	Samples were combined and are being used in studies of gas formation in irradiated solutions
87.2	7-21-45	137		
94.2	11-12- 4 6	446	344.96 g	Used as source of neutron in thermal column. Approximately 11 grams transferred to 95.0% material
94.8	3 - 7 <i>∞</i> 46	264	19.60 g	Used as a "bank" for supplying small project needs
s document contains info ase of the United Stationage Act, U.S. Con- the revelopment of its of	ontents in any	mission	24.11 g	This sample has been prepared from 96.7% and 94.2% materials listed elsewhere for preparation of a slug to be irradiated at H.E.W. in the preparation of 26 needed in determination of muolear properties of this isotope. (Re letter from Operations Officer - October 4, 1946)

Susmary of Receipts of Shriched Materials Now on Hand

(Continued)

% Enrichment	Date Received	SM	Amount on Hand	Tee
96.56	2-12-46 5-27-46	2 6 5 316	4141.58 g	Criticality experiment
96.7	5~8~46	268	10,47 g	Used in ctudies of fuel as- semblies for Heterogeneous Pile
94.8	1-81-46	238	.93 &	Part of this material is plated on monel plates and is used in ionisation chambers. Another sample is plated in a fission chamber
90	5-81-46	321	,008 g	Studies of muslear properties



PRODUCT 25

Summary of Transfers Between Operations Officer and Clinton Laboratories

79% Haterial

Shipped .02 g - 8-4-45

Received .01 g - 6-11-45 SM 149

Reseived .01 g - 1-10-46 EM 231

95.7% Material

Received 20.44 g - 4-25-46 8M 295

Shipped 20.46 g - 4-16-46

Shipped .10 g - 5-6-46

Shipped 4.49 g - 9-16-46

95.41% & 95.5% Material

Shipped 6.20 g - 12-10-46

94.8% Material

Shipped .48 g - 5-10-48

Shipped 15.00 g - 5-21-46

Shipped 15.00 g - 7-16-46

94.2% Material

Received 347,22 g - 11-25-46 SM 455

Shipped 347.22 g - 11-20-46